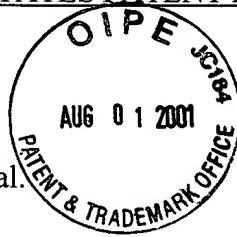


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#57  
Pat Amend A  
K9000  
3/22/02



Application of: )  
GROOTHUIS, David S. et al. )  
Serial No.: 09/727,632 ) Group Art Unit No. 2881  
Filed: December 1, 2000 )  
VEHICLE MEASURING SYSTEM ) Examiner:

Assistant Commissioner for Patents  
Box Non-Fee Amendment  
Washington, D.C. 20231

AMENDMENT

Applicant respectfully requests that this Amendment be entered in the above-referenced application.

Specification:

Please replace the third full paragraph on page 17 with the following rewritten paragraph.

Additionally, the calibration program employs another equation to correct for pitch angle of the laser beams as they vary during a full 360° scan. This equation makes a minor correction to the observed target height; this height correction gets larger as targets further from the scanner are scanned, because the beams are pitched up/down owing to, e.g., a tilted mirror. The pitch angle calibration equation used is:

$$\text{Pitch angle} = AP + BP \times \sin(a + DP)$$

NOT ENTER!  
1/28  
6/27/03

AI